



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SAT-01603

Friday January 21, 2022

Satellite Policy Branch Information

Space Station Applications Accepted for Filing

The applications listed below have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined that the application is not in conformance with the Commission's rules or its policies. Consideration of each satellite application in this Public Notice may depend on the Commission's action on another satellite application earlier in the queue. Petitions, oppositions, and other pleadings filed in response to this notice should conform to Section 25.154 of the Commission's rules, unless otherwise noted. 47 C.F.R. § 25.154.

SAT-AMD-20220107-00003 E S2129 Maxar License Inc.
Date Filed: 01/07/2022 16:49:02:39000
Amendment

Maxar License Inc. amends its request to modify its license to operate twelve non-geostationary satellite orbit space stations in the earth-exploration satellite service to change the orbital parameters. Six space stations in "Block 1" (WorldView-Legion 1-6) would operate over an altitude range of 450 to 870 kilometers immediately following deployment and subsequently at a perigee of 503.12 kilometers (± 2 kilometers) and an apogee of 520.48 kilometers (± 2 kilometers) for two sun-synchronous space stations inclined at 97.47 degrees and at a perigee of 515 kilometers (± 2 kilometers) and an apogee of 524 kilometers (± 2 kilometers) for four space stations inclined at 45 degrees. Six space stations in "Block 2" (WorldView-Legion 7-12) would operate over an altitude range of 450 to 870 kilometers immediately following deployment and subsequently at a perigee of 585.6 kilometers (± 2 kilometers) and an apogee of 602.4 kilometers (± 2 kilometers) for two sun-synchronous space stations inclined at 97.79 degrees and a perigee of 533.6 kilometers (± 2 kilometers) and an apogee of 553.4 kilometers (± 2 kilometers) for four space stations inclined at 57 degrees. The space stations would operate using the 8025-8400 MHz (space-to-Earth) and 2025-2110 MHz (Earth-to-space) frequency bands, and use the following center frequencies for telemetry, tracking, and command operations: 8185 MHz with a bandwidth of 320 MHz (space-to-Earth), 8380 MHz with bandwidths of 0.037 MHz and 0.625 MHz (space-to-Earth), and 2085.6875 MHz with a bandwidth of 1.32 MHz (Earth-to-space).

For more information concerning this Notice, contact the Satellite Division at 202-418-0719; TTY 1-888-835-5322.